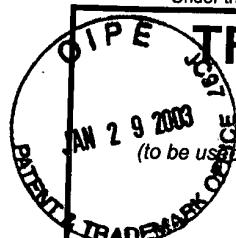


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PTO/SB/21 (08-00) *#481*

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# TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number

09/954,831

Filing Date

September 18, 2001

First Named Inventor

Thomas H. Baum

Group Art Unit

2811

Examiner Name

TBA

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TECHNOLOGY CENTER 2811

Total Number of Pages in This Submission      Attorney Docket Number

ATMI-510-CIP

## ENCLOSURES (check all that apply)

- Fee Transmittal Form
- Fee Attached
- Amendment / Reply
- After Final
- Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s)

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s) (please identify below):

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
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Margaret Chappuis

Signature

Date

January 24, 2003

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I hereby certify that this correspondence is being deposited pursuant to 37 C.F.R. 1.8 in an envelope addressed to:  
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#4  
ATMI-510 CIP  
Customer ID No.: 25559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thomas H. Baum

Group Art Unit: 2811

U.S. Application No.: 09/954,831

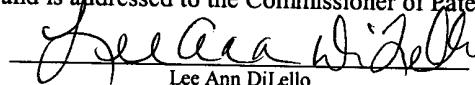
Examiner: TBA

Filed: September 18, 2001

Title: SOURCE REAGENT COMPOSITIONS FOR CVD FORMATION OF GATE  
DIELECTRIC THIN FILMS USING AMIDE PRECURSORS AND METHOD OF  
USING SAME

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b).

- 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
  - a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
  - b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
  - c. Please charge deposit account No. 50-0860 in the amount of \$180 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information.
- 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. \_\_\_\_ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. \_\_\_\_ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
  - a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
  - b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- 4. (other):

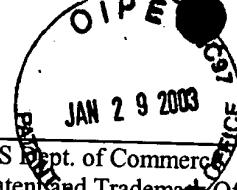
Applicant does not believe that any additional fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,



Margaret Chappuis  
Registration No. 45,735  
Agent for Applicant

Date: January 24, 2003  
Advanced Technology Materials, Inc.  
7 Commerce Drive  
Danbury, CT 06810  
Agent Ref: 510-CIP



FORM PTO-1449 US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO.	SERIAL NO.
		ATMI-510-CIP	09/954,831
		APPLICANT	
		Thomas H. Baum, et al.	
		FILING DATE	GROUP
		September 18, 2001	2811

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,417,823	5/1995	Narula, et al.			
	AB	5,583,205	12/1996	Rees, Jr., William S.			
	AC	5,726,294	3/1998	Rees, Jr., William S.			
	AD	6,348,412 B1	2/2002	Vaartstra, Brian A.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES	NO
							X (abstract only)	
	AE	WO/00/67300	11/2000	WIPO	H01L	21/00		

**OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)**

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EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	